

**REMARKS**

This Amendment is a submission in accordance with 37 C.F.R. §1.114. This Amendment is being filed concurrently with a Request for Continued Examination. Further, based on the Advisory Action dated May 15, 2007, the amendments filed on April 24, 2007 were previously entered.

Claims 1-3, 5-13 and 15-19 are pending in this application. By this Amendment, claims 1, 3, 8, 10, 11, 16 and 18 are amended and new claim 19 is added. Various amendments are made to the claims for clarity and are unrelated to issues of patentability.

Applicant maintains all the arguments set forth in the response filed April 24, 2007. However, based on discussions during the personal interview on May 1, 2007, each of the independent claims are amended to relate to entering of a viewer's ID number.

The Office Action rejects the claims under 35 U.S.C. §103(a) over various combinations with U.S. Patent 6,904,610 to Bayrakeri et al. (hereafter Bayrakeri), U.S. Patent 5,805,763 to Lawler et al. (hereafter Lawler), U.S. Patent 6,018,372 to Etheredge, U.S. Patent 5,831,663 to Waterhouse et al. (hereafter Waterhouse), U.S. Patent 5,734,853 to Hendricks et al. (hereafter Hendricks), U.S. Patent 6,101,180 to Donahue et al. (hereafter Donahue), U.S. Patent 6,314,572 to La Rocca et al. (hereafter La Rocca), U.S. Patent 6,169,543 to Wehmeyer et al. (hereafter Wehmeyer) and U.S. Patent No. 5,861,906 to Dunn et al. (hereafter Dunn). The rejections are respectfully traversed with respect to the pending claims.

Independent claim 1 recites displaying a menu on the TV in response to a viewer's request for an environment setting, and manually entering, by the viewer, a viewer's ID number.

Independent claim 1 also recites transmitting environmental information selected by the viewer using the displayed menu along with a server address and the viewer's ID number to the server from the TV.

The applied references do not teach or suggest at least these features. More specifically, the Office Action dated January 26, 2007 (on page 7) states that the claimed "viewer's ID number" is taught by Hendricks' set top terminal identifier 928. However, a set top terminal identifier 928 does not suggest manually entering, by the viewer, a viewer's ID number.

Additionally, Bayrakeri does not relate to manually entering, by the viewer, a viewer's ID number and transmitting environmental information along with the viewer's ID number to the server from the TV. That is, Bayrakeri discloses that a user may manipulate a user interface of a program guide. Bayrakeri does not teach or suggest manually entering a viewer's ID number and transmitting environmental information along with the viewer's ID number to the server from the TV.

The other applied references do not teach or suggest these missing features of claim 1. For example, Lawler's col. 13, lines 18-23 does not relate to manually entering a viewer's ID number and transferring environment information along with the viewer's ID number. Still further, Wehmeyer's col. 1, lines 32-37 and col. 7, lines 61-67 does not teach or suggest these features of independent claim 1. Even further, Dunn's col. 8, lines 64-67 and col. 7, lines 1-4 does not teach or suggest manually entering a viewer's ID number and transmitting environmental information along with the viewer's ID number. Further, the other applied references do not teach or suggest these missing features of independent claim 1.

For at least these reasons, the applied references do not teach or suggest manually entering, by the viewer, a viewer's ID number and transmitting environmental information selected by the viewer using the displayed menu along with a server address and the viewer's ID number to the server from the TV. Thus, independent claim 1 defines patentable subject matter.

Independent claim 8 recites displaying an initial menu in response to a viewer's request of environment setting and transmitting a download request of environmental information inputted by the viewer to the server based on the displayed initial menu along with a server address and a viewer's ID number, the viewer's ID number corresponding to a specific number of a viewer that is input by a user. Independent claim 8 also recites that the environmental information is inquired from the server based on the viewer's ID number.

For at least similar reasons as set forth above, the applied references do not teach or suggest at least these features of independent claim 8. Thus, independent claim 8 defines patentable subject matter.

Independent claim 10 recites manually entering, by the viewer, a viewer's ID number that corresponds to a specific number of the viewer, and receiving environmental information selected by the viewer along with a server address and the viewer's ID number. Independent claim 10 also recites storing the environmental information corresponding to the viewer's ID number, inquiring whether or not there is the viewer's environmental information based on the viewer's ID number included in the download request, and reading the environmental information corresponding to the viewer's ID number when the viewer's environmental information is inquired.

For at least similar reasons as set forth above, the applied references do not teach or suggest at least these features of independent claim 10. Thus, independent claim 10 defines patentable subject matter.

Independent claim 11 recites a controller for reading a menu from a memory, for displaying the menu to allow the user to select environmental information and for transmitting the selected environmental information along with a server address and a viewer's ID number to the server, the viewer's ID number being a specific number of the viewer that is input by a user,

For at least similar reasons as set forth above, the applied references do not teach or suggest at least these features of independent claim 11. Thus, independent claim 11 defines patentable subject matter.

Independent claim 16 recites display means for providing the viewer with an initial menu for selecting the environmental information and network connecting means for transmitting the environmental information along with a server address and a viewer's ID number to the server through the network and downloading the environmental information from the server, the viewer's ID number being a specific number of the viewer that is input by a user.

For at least similar reasons as set forth above, the applied references do not teach or suggest at least these features of independent claim 16. Thus, independent claim 16 defines patentable subject matter.

Independent claim 18 recites the processor to perform receiving environmental information selected by a viewer along with a server address and a viewer's ID number, the viewer's ID number being a specific number of the viewer that is input by a user, and storing the

environmental information corresponding to the viewer's ID number. Independent claim 18 also recites the processor to perform inquiring whether or not there is the viewer's environmental information based on the viewer's ID number included in the download request, and reading the environmental information corresponding to the viewer's ID number if the viewer's environmental information is inquired.

For at least similar reasons as set forth above, the applied references do not teach or suggest at least these features of independent claim 18. Thus, independent claim 18 defines patentable subject matter.

For at least the reasons set forth above, each of independent claims 1, 8, 10, 11, 16 and 18 define patentable subject matter. Each of the dependent claims depends from one of the independent claims and therefore defines patentable subject matter at least for this reason. In addition, the dependent claims recite features that further and independently distinguish over the applied references.

For example, dependent claim 3 recites in the transmitting the download request of environmental information from the TV to the server, the download request includes a TV address, the server address, the viewer's ID number and a download request code, and the viewer's ID number being a specific number of the viewer that is input by a user. The Office Action dated July 13, 2006 (on page 12) cites Hendricks FIG. 4b, element 928' and col. 17, lines 58-60 as teaching the claimed ID number. However, the cited section merely identifies a 16-bit field that identifies each set top terminal. This does not suggest the viewer's ID number being a specific number of the viewer that is input by a user. The other applied references do not teach

or suggest these missing features. Thus, dependent claim 3 defines patentable subject matter at least for these additional reasons.

Additionally, dependent claim 5 recites determining whether or not the viewer is registered based on the viewer's ID number included in the environmental information received from the TV, and the viewer's ID number being a specific number of the viewer that is input by a user. The Office Action dated July 13, 2006 (on page 13) cites LaRocca's col. 8, lines 64-67 and col. 9, lines 1-10 as teaching a set-top ID. However, a set-top ID is not the viewer's ID number being a specific number of the viewer that is input by a user. The other applied references do not teach or suggest these missing features. Thus, dependent claim 5 defines patentable subject matter at least for these additional reasons.

### CONCLUSION

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance of claims 1-3, 5-13 and 15-18 are earnestly solicited. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this,

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concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and  
please credit any excess fees to such deposit account.

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**Date: May 29, 2007**

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